

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST01874LA

*This Certificate issued to* **Federal Express Corporation  
3131 Democrat Road  
Memphis, TN 38118**

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25\* of the Federal Aviation Regulations.* \*Certification basis is set forth in Type Certificate Data Sheet (TCDS) A22WE.

*Original Product Type Certificate Number :* A22WE

*Make :* McDonnell Douglas

*Model :* DC-10-10F, MD-10-10F and MD-11F

*Description of Type Design Change:* Installation of a main deck cargo container fire suppression system in accordance with Federal Express Corporation Master Data List No. 05-128, revision R, dated August 1, 2006 or later FAA approved revision or Ventura Aerospace Inc. Master Data List VA-FSS-1000, revision J, dated November 17, 2008 or later FAA approved revision. Federal Express Corporation Airplane Flight Manual Supplement Document No. 06-075, revision NC, dated August 1, 2006, or later FAA approved revision or Ventura Aerospace, Inc. Airplane Flight Manual Supplement Document No. VA-FSS-1083, revision Orig. dated November 24, 2008 or later FAA approved revision. is required as part of this STC.

*Limitations and Conditions:*

1. This installation should not be incorporated in any airplanes unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the airplanes. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(Limitations and Conditions continued on page 3 of 3)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application :* March 8, 2005

*Date reissued :*

*Date of issuance :* August 4, 2006

*Date amended :* November 26, 2008



*By direction of the Administrator*

*Nam Rapt*  
(Signature)

Manager, Cabin Safety/Mechanical &  
Environmental Systems Branch  
Los Angeles Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

# Supplemental Type Certificate

(Continuation Sheet)

*Number* ST01874LA

*Limitations and Conditions (Continued):*

2. The main deck cargo container fire suppression system, in accordance with Federal Express Corporation Master Data List No. 05-128, Revision R, dated August 1, 2006 or later FAA approved revision, is approved as a non-interference system and fire suppression system capability has not been substantiated with any cargo container.
3. The main deck cargo container fire suppression system, in accordance with Ventura Aerospace Inc. Master Data List VA-FSS-1000, Revision J, dated November 17, 2008 or later FAA approved revision, is approved as a non-interference system and fire suppression system. Fire suppression capability has been demonstrated when cargo containers have been modified in accordance with - Foam Retention Modification Kit -AMJ Wide Door SATCO drawing 36969 Revision A or later FAA approved revision.
4. This modification, in accordance with Ventura Aerospace Inc. Master Data List VA-FSS-1000, Revision J, dated November 17, 2008, may not be installed after August 7, 2010 unless (1) previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office. (Refer to § 26.11).

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*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

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